

ABSTRACT OF THE DISCLOSURE

In a flat cathode-ray tube, there are problems that an axis of electron beam is separated before the electron beam enters a main lens due to magnetic field of a magnet disposed outside a neck, and coma aberration is generated to degrade an image quality. It is an object of the present invention to solve these problems. A flat cathode-ray tube comprises an electron gun 281 having a main lens 35M whose center coincides with a tube axis, a deflection yoke, and a magnet disposed outside a neck. An axis of a prefocus lens of the electron gun is separated from the tube axis.